


IN THE CLAIMS:

1. (Currently Amended) ~~A method~~Method for processing the signals from two or more microphones in a listening device which has a casing holding the microphones, ~~and which further comprises a signal processing unit which is to provide~~provides an output signal in correspondence with ~~signals from the microphone signals~~microphones and suited to ~~thea~~a user's hearing, ~~and whereby a receiver unit for delivering the output signal to the user is provided, comprising the steps of analyzing the signals from the microphones in order to detect when the casing of the listening device is being touched, whereby further~~and changing the signal processing of the signal processing unit ~~changes whenever~~when touching of the casing is detected ~~from analyzing said microphone signals.~~
2. (Currently Amended) ~~The method~~Method as claimed in claim 1, ~~whereby~~comprising determining short term energy in the signals from the microphones ~~is determined, and where further~~determining change in difference over time in short term energy between the microphone signals ~~is determined.~~
3. (Currently Amended) ~~The method~~Method as claimed in claim 2, ~~whereby~~comprising using time related change in difference in the short term energy content in the microphone signals ~~is used to determine the~~

rate of change in difference between the short term energy of the microphone signals.

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4. (Currently Amended) The method~~Method~~ as claimed in claim 2, ~~whereby~~comprising changing a value in the signal processing unit is ~~changed~~ whenever the rate of change in difference in the short term energy between the microphone signals reaches a pre-selected level in order to indicate that the casing is being touched.
  5. (Currently Amended) The method~~Method~~ as claimed in claim 3, ~~whereby~~comprising temporarily interrupting a microphone matching procedure is ~~temporarily interrupted~~ whenever it is determined that the casing is being touched.
  6. (Currently Amended) The method~~Method~~ as claimed in claim 3, ~~whereby~~comprising temporarily attenuating the output signal to the user is ~~temporarily attenuated~~ whenever it is determined that the casing is being touched.
  7. (Currently Amended) The method~~Method~~ as claimed in claim 3, ~~whereby~~accomplishing a lasting change in the signal processing is ~~effected~~ whenever it is determined that a non-accidental touch of the casing has occurred.

8. (Currently Amended) ~~A listening~~Listening device having two or more microphones and comprising a casing holding the microphones, a signal processing unit ~~to provide~~for providing an output signal in correspondence with ~~the microphone signal~~signals and suited to a user's hearing, a receiver unit for delivering the output signal to the user, analyzing means for analysing the signals from the microphones in order to detect when the hearing aid casing is touched, and means for changing signal processing of the listening device whenever touching of the casing of the listening device is detected from analyzing said microphone signals.

9. (Currently Amended) ~~The listening~~Listening device as claimed in claim 8, including a sound generator for generating a specific sound when the casing is touched ~~at the casing~~, such that a user may touch the sound generator whenever user input to the hearing aid is desirable.